Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\

Quantitation Report (Not Reviewed)

Data File : VV011081.D
Acq On : 28 May 2019 23:36
Operator : SY/MD
Sample : K3016-09
Misc : 5.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C8RE

Quant Time: May 29 02:20:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	374449	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	332822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119377	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	131301	25.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.32%			
7) Chloroethane-d5	1.56	69	100845	27.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.08%			
10) 1,1-Dichloroethene-d2	2.12	63	196737	20.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.40%			
20) 2-Butanone-d5	3.94	46	148266	83.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 167.58%#			
24) Chloroform-d	4.40	84	258178	28.43	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.72%			
26) 1,2-Dichloroethane-d4	5.08	65	175767	30.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 121.12%			
29) Benzene-d6	5.09	84	564221	28.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.80%			
33) 1,2-Dichloropropane-d6	6.12	67	188305	30.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.48%#			
37) Toluene-d8	7.36	98	502128	27.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.80%			
38) trans-1,3-Dichloropropene-	7.66	79	83628	28.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 115.80%			
39) 2-Hexanone-d5	8.13	63	117813	87.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 174.44%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	178365	33.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 133.84%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	126892	26.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.52%			
Target Compounds						Qvalue
13) Acetone	2.19	43	93954	46.872	ug/L	100
15) Methyl Acetate	2.46	43	19290	6.667	ug/L #	100
21) 2-Butanone	4.04	43	8060	3.265	ug/L	84
25) Chloroform	4.43	83	16377	1.551	ug/L	78
27) 1,2-Dichloroethane	5.09	62	3670	0.534	ug/L	97
36) Methylcyclohexane	6.12	83	42101	4.642	ug/L #	15

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C8RE

Quant Time: May 29 02:20:48 2019
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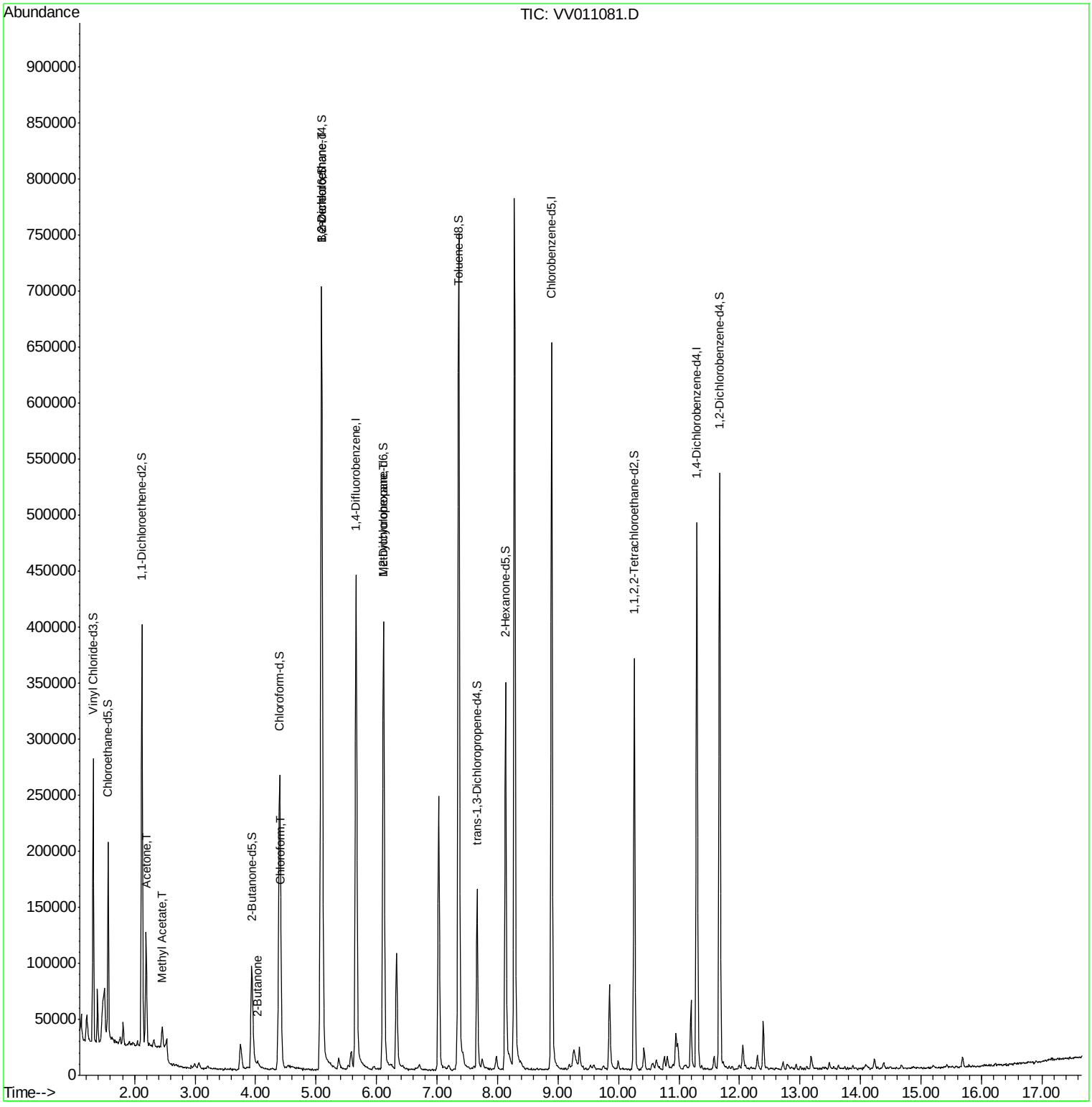
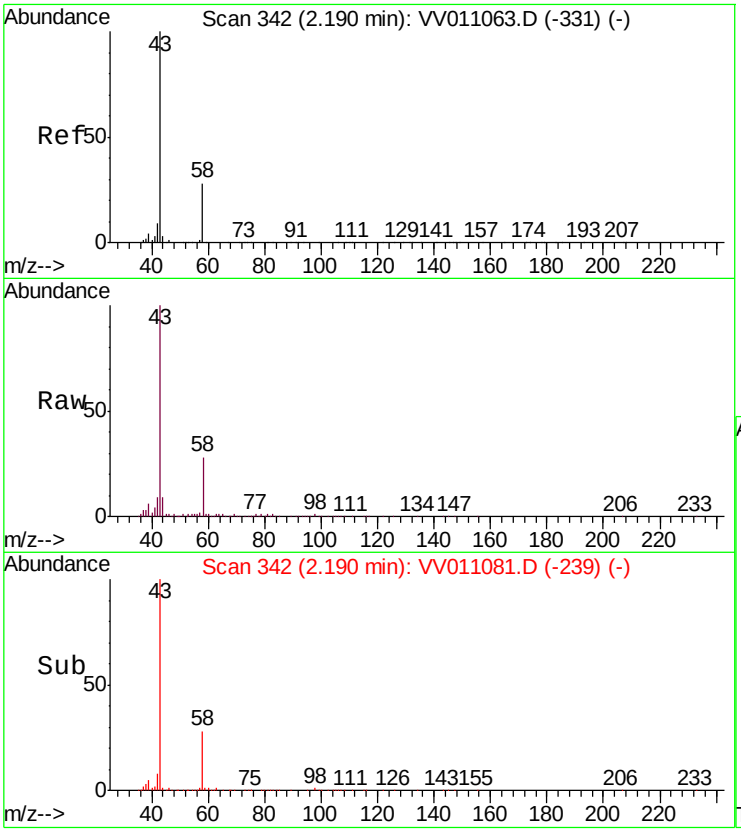
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration



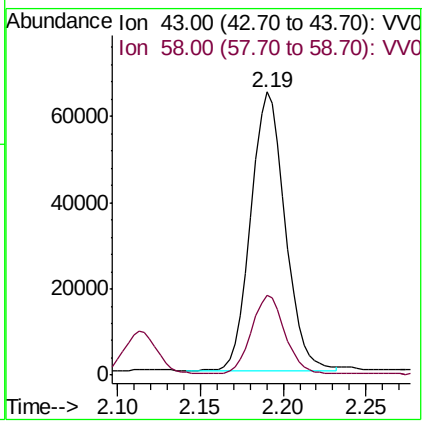


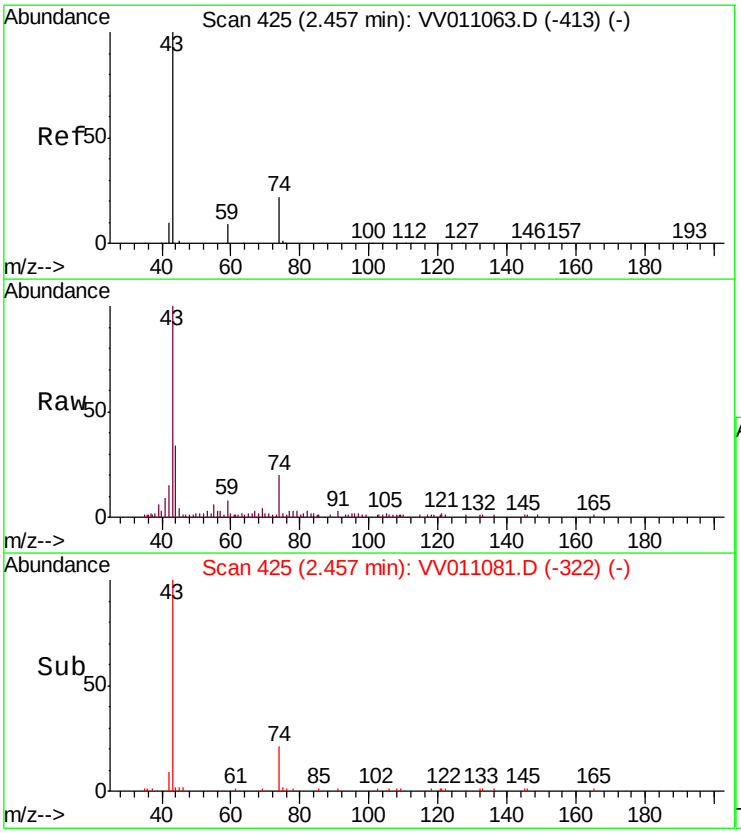
#13
Acetone
Concen: 46.872 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV011081.D
Acq: 28 May 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
A51C8RE

Tgt Ion: 43 Resp: 93954

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	54.8

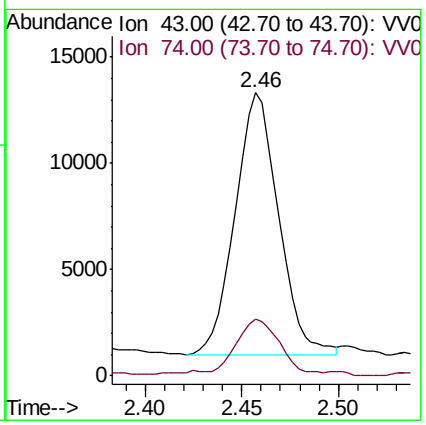


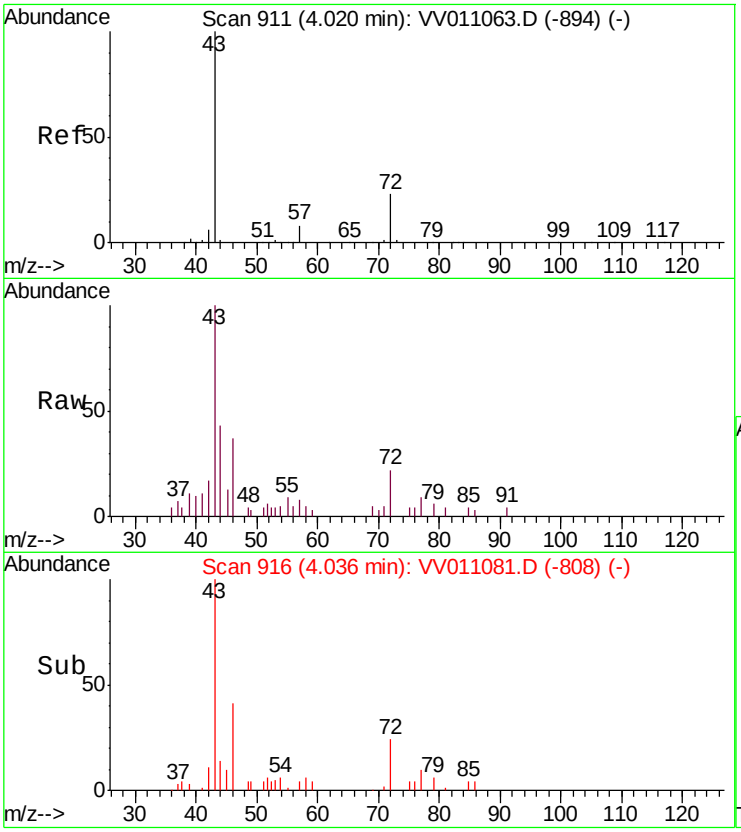


#15
Methyl Acetate
Concen: 6.667 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011081.D
Acq: 28 May 2019 23:36

Tgt Ion: 43 Resp: 19290

Ion	Ratio	Lower	Upper
43	100		
74	20.8	0.0	0.0#



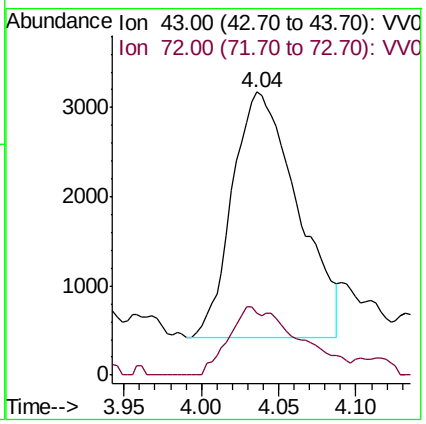


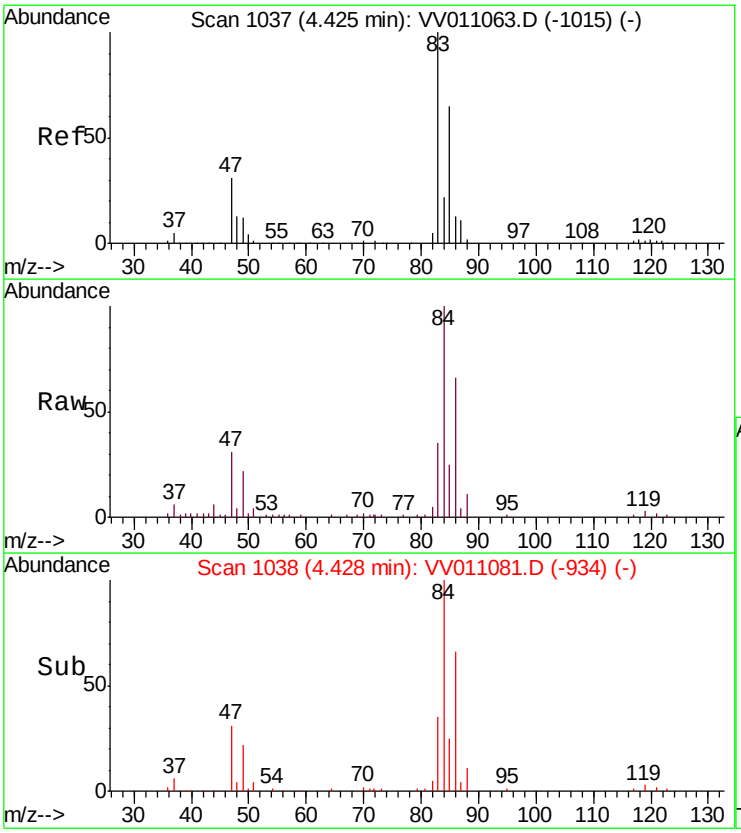
#21
2-Butanone
Concen: 3.265 ug/L
RT: 4.04 min Scan# 916
Delta R.T. 0.02 min
Lab File: VV011081.D
Acq: 28 May 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
A51C8RE

Tgt Ion: 43 Resp: 8060

Ion	Ratio	Lower	Upper
43	100		
72	13.8	10.7	31.9

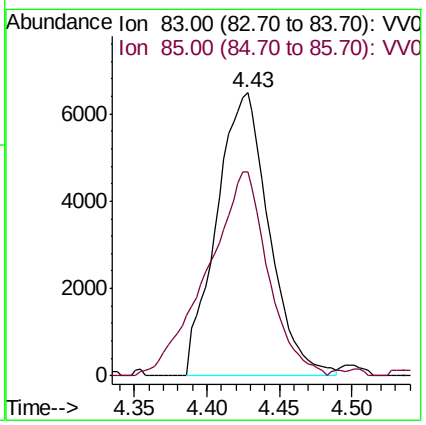


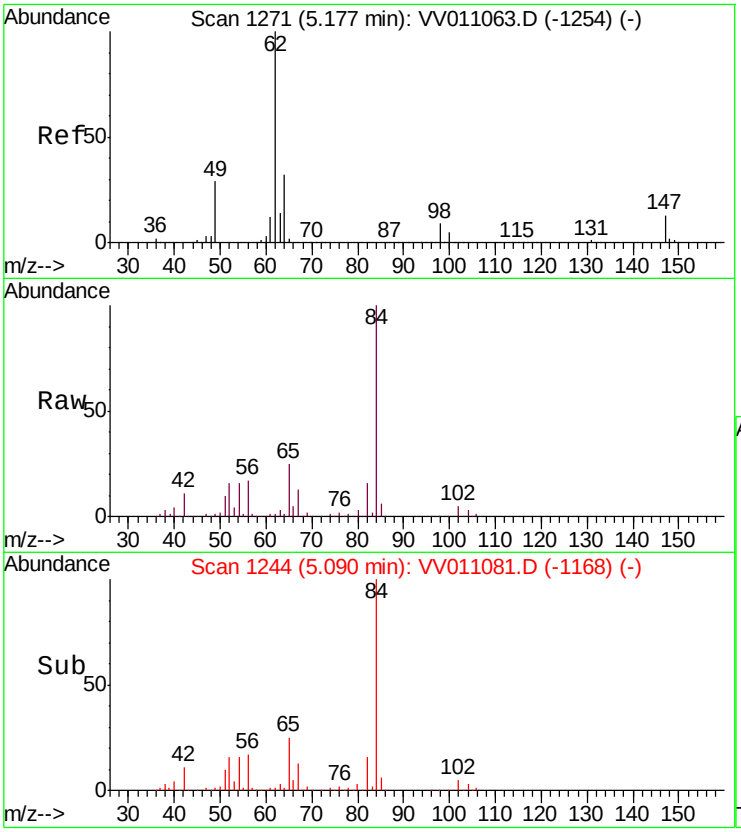


#25
Chloroform
Concen: 1.551 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011081.D
Acq: 28 May 2019 23:36

Tgt Ion: 83 Resp: 16377

Ion	Ratio	Lower	Upper
83	100		
85	83.2	46.2	85.8



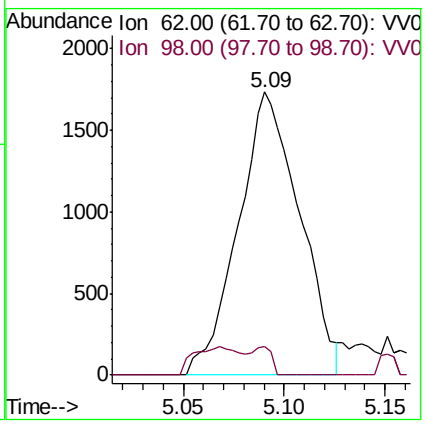


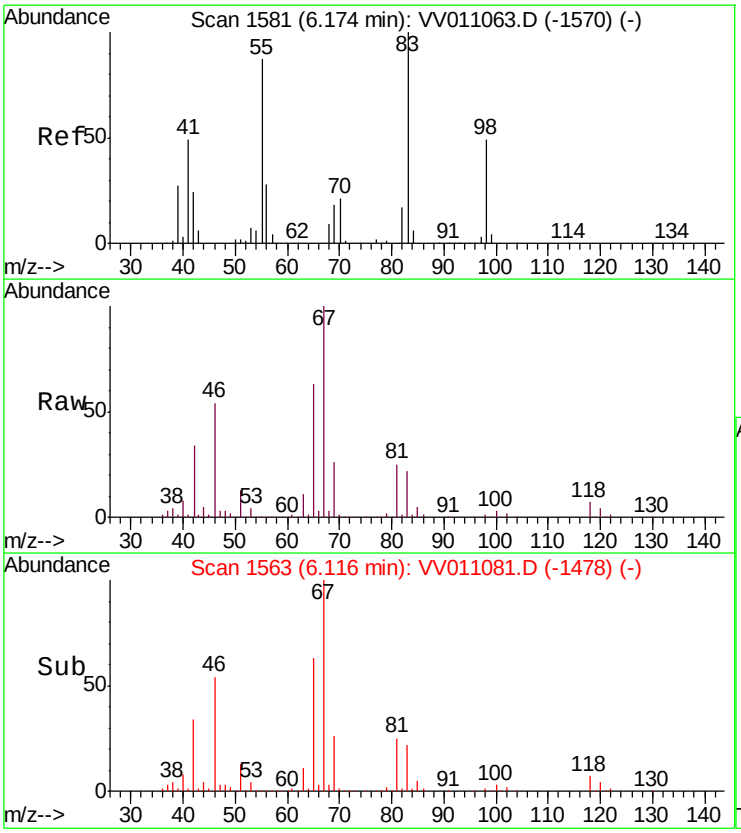
#27
1,2-Dichloroethane
Concen: 0.534 ug/L
RT: 5.09 min Scan# 1244
Delta R.T. -0.09 min
Lab File: VV011081.D
Acq: 28 May 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
A51C8RE

Tgt Ion: 62 Resp: 3670

Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.4	11.0





#36
Methylcyclohexane
Concen: 4.642 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011081.D
Acq: 28 May 2019 23:36

Tgt Ion: 83 Resp: 42101

Ion	Ratio	Lower	Upper
83	100		
55	0.5	69.9	104.9#
98	2.0	40.0	60.0#